



Calhoun: The NPS Institutional Archive
DSpace Repository

History of Naval Postgraduate School

Biographies

1990-12

Resume of Liang Vey Chang, 1990-12

Chang, Liang Vey

Monterey, California: Naval Postgraduate School

<https://hdl.handle.net/10945/52846>

This publication is a work of the U.S. Government as defined in Title 17, United States Code, Section 101. Copyright protection is not available for this work in the United States.

Downloaded from NPS Archive: Calhoun



Calhoun is the Naval Postgraduate School's public access digital repository for research materials and institutional publications created by the NPS community. Calhoun is named for Professor of Mathematics Guy K. Calhoun, NPS's first appointed -- and published -- scholarly author.

Dudley Knox Library / Naval Postgraduate School
411 Dyer Road / 1 University Circle
Monterey, California USA 93943

<http://www.nps.edu/library>

RESUME OF LIANG-WEY CHANG

Liang-Wey Chang was born in Chekiang, China in 1952. Two years later, his family moved to Taiwan, where he grew up and had his college education. In 1974, he received a B.S.F. in Naval Architecture and Marine Engineering from Cheng Kung University (NCKU) in Taiwan. He continued to complete his M.S.E. degree in Mechanical Engineering at NCKU in 1976. His Master's Thesis was "Stress Analysis of Rotating Disks with Holes." At NCKU, he worked as an Instructor in Mechanical Engineering, teaching courses in Dynamics and Solid Mechanics. To broaden his expertise, he considered pursuing a higher education abroad.



In 1981, he went to the University of Wisconsin at Madison and conducted research on Computer Aided Manufacturing. Because of his research interest in Robotics, he transferred to Purdue University where he received a Ph.D in Mechanical Engineering in 1984. His dissertation topic was "Dynamic Analysis of Robotic Manipulators with Flexible Links." Following graduation from Purdue, he was an Assistant Professor at Kansas State University. He taught courses in Controls and Dynamics, and he conducted research in Robotics.

In June 1985, he joined the faculty of the Naval Postgraduate School as an Assistant Professor of Mechanical Engineering. He teaches courses in Dynamics, Control and Naval Architecture. His current research interests include Mechanical System Dynamics, Control Theory, Robotics and Computation Methods. He is investigating research on Dynamic Models and Motion Controls of High-Performance Industrial Robotics, and Flexible Arm Dynamics and Control.

He is a Registered Professional Engineer in Indiana and an Associate Member of the American Society of Mechanical Engineers.